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Load handling hydraulic control device for mobile loader or fork lift truck has filling line for hydraulic reservoir fed off from main hydraulic line by supplying hydraulic cylinder via valve device controlling cylinder movement

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Patent Family

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EP 1165895	A1	20020102	EP 2000912605	A	20000315	200209	
			WO 2000EP2263	A	20000315		
EP 1165895	B1	20030423	EP 2000912605	A	20000315	200329	
			WO 2000EP2263	A	20000315		
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Patent Details

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Abstract:

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NOVELTY The hydraulic control device has at least one hydraulic cylinder (14) for movement of a load handling tool, coupled to a hydraulic source (9) via a main hydraulic line containing a valve device for controlling the movement direction and movement rate. A filling line (41) which is fed off from the main hydraulic line via the valve device contains a filling valve (42) for supplying a hydraulic reservoir (40) to maintain it at a required pressure.

USE The hydraulic control device is used for the load handling tool of a mobile loader or a fork lift truck.

ADVANTAGE The device prevents uncontrolled movement of the hydraulic cylinders.

DESCRIPTION OF DRAWING(S) The figure shows a schematic diagram of a hydraulic control device.

Hydraulic source (9)

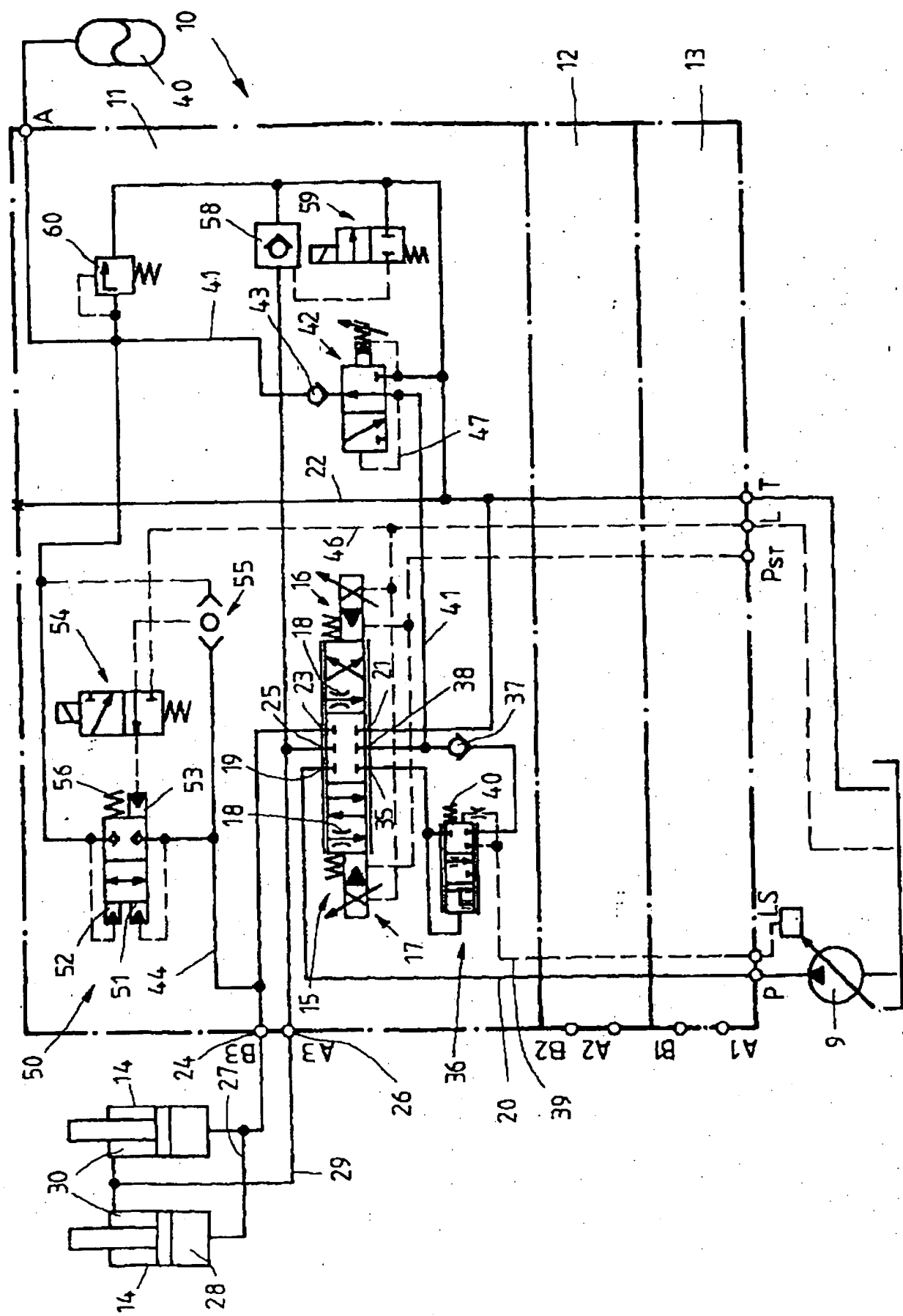
Hydraulic cylinder (14)

Hydraulic reservoir (40)

Filling line (41)

Filling valve (42)

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